



Quotation Number	10882/01-DE	Item	1
Product	Three Spindle Pump	Product Type Code	L3MF-060/120-IFOKSO-G

Design and Operating Conditions

Transfer of ISO VG 46

description		OP 1	OP 2
Viscosity	mm ² /s	135	30
Temperature	°C	20	50
Flow Rate	l/min	266	248
Discharge Pressure	barg	10	10
Suction Pressure	barg	0	0
Differential Pressure	barg	10	10
Speed	rpm	1450	1450
NPSH required	mWC	2.9	2.5
Power Demand	kW	6.7	5.8
Efficiency (vol.)	%	94.4	88.1
Efficiency (mech.)	%	70.1	81
Sound Pressure Level	dB(A)	65	65

Pump Installation dry installation

Applicable Standards and Specifications Leistritz Standard Procedures based on DIN/EN-Standards

Design

Bearing	internal bearing, lubricated by pump fluid
Mounting	flanged (horizontal or vertical set-up)
Heating	without heating
Mounting Flange	small mounting flange
Inlet - Outlet	discharge and suction side flanged connections
Safety Valve	without valve
Shaft Sealing	mechanical seal
Sense of Rotation	clockwise
Flow Direction	side by side, from top, seen on the pump shaft
Deaeration Design	variable deaeration bore

Materials

Pump Casing	aluminium, DIN Code: 3.2315.72
Screws	16MnCrS5, DIN Code: 1.7139 nitrided
Cover Driving Side	C45, DIN Code: 1.0503
Cover NonDriving Side	GGG40, DIN Code: 0.7040
Liner	-
Bearing Bushes	-
Contact Surface Coating	-
Valve Casing	-
Flat Seal	Centellen
Bearing Casing	-
Sealing Casing	-

Shaft Sealing

Seal Face	Carbon
Static Face	Silicon Carbide
Secondary Seals	Viton



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Spring	Stainless Steel
Metal Parts	Stainless Steel
Design	Single Acting
	Balanced
Manufacturer	without special flushing
Type	AES
	B012

Major Connections	
Discharge Flange	SAE; 3000 PSI; 2 1/2";
Suction Flange	SAE; 3000 PSI; 3";

Painting und Preservation	
Painting	Leistritz Standard Painting for Temperatures up to 100°C, total dft 110 µm.
Colour Final Layer	RAL 5021

Pump Driver	
Not included in Scope of Supply	

Accessories	
no accessories included	

Documentation and Certification Pump / Skid	
Standard Performance Test with Test Bench Motor	
Hyrostatic Pressure Test of the Pump Casing	
